

Title (en)
DNA CAPILLARY

Title (de)
DNA KAPILLARE

Title (fr)
CAPILLAIRE D'ADN

Publication
EP 0969083 B1 20040324 (EN)

Application
EP 98940614 A 19980828

Priority
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Abstract (en)
[origin: EP0969083A1] An apparatus for detecting nucleic acid molecules such as target DNAs or mRNAs by using DNA probes. Specifically a DNA capillary consisting of a passage made of a cylindrical glass capillary (4), a number of independent probe regions formed on the inner wall of the passage, and various DNA probes (1a, 1b, 1c...) different from each other and immobilized on the probe regions. Assay is made by supplying a sample into the capillary (4) from the injection opening (2a) and reacting the same followed by fluorometry, etc.

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C12M 1/00; C12N 15/09; C12Q 1/68; B01L 3/00; B01J 19/00

IPC 8 full level
G01N 33/53 (2006.01); **B01J 19/00** (2006.01); **B01L 3/00** (2006.01); **C12M 1/00** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **G01N 21/05** (2006.01); **G01N 37/00** (2006.01); **C40B 40/06** (2006.01); **C40B 60/14** (2006.01)

CPC (source: EP)
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Cited by
EP2045005A3; EP1182267A4; EP4163357A4; CN101886126A; FR2961899A1; EP1582255A1; US6875619B2; EP1350568A1; EP1520619A3; EP1623762A3; US6361958B1; WO2007032316A1; US7687031B2; US11995558B2; US8968673B2; US7931149B2; WO241996A1; WO0218949A3; WO0134302A3; WO0202227A3; WO02089972A1; WO0213961A3; WO0066259A1; WO2012020402A3; WO0169248A3; WO2012001642A1; WO2019222650A1; US6610499B1; US6818184B2; US6989237B2; US7223568B2; US7741104B2; US8003376B2

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